



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० १०] नई दिल्ली, शनिवार, मार्च ८, १९६९ (फाल्गुन १७, १८९०)
No. 10] NEW DELHI, SATURDAY, MARCH 8, 1969 (PHALGUNA 17, 1890)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड २

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 8th March 1969

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

15th February 1969

- 119855. Pushpak Ex—Imp (India). Improvements in or relating to kites used as toys.
- 119856. Ciba Limited. Process for the manufacture of new amines.
- 119857. Honda Giken Kogyo Kabushiki Kaisha (Honda Motor Co., Ltd.). Independent suspension apparatus for motorcar wheel.
- 119858. O. L. Siwersson and K. G. Tell. Improvements in or relating to devices for supplying materials to the entrance ends of conveyors comprising screws and conduits therefor.
- 119859. Union Carbide Corporation. Dry cell with novel venting means.
- 119860. Imperial Chemical Industries Limited. Piperazine derivatives.
- 119861. Farbenfabriken Bayer Aktiengesellschaft. Fungicidal compositions for agricultural and horticultural use.
- 119862. Farbenfabriken Bayer Aktiengesellschaft. Fungicidal compositions for agricultural and horticultural use.
- 119863. Goss Multiple Tools Limited. Improvements in or relating to hand operated cutting tools.
- 119864. Societe Des Forges Et Ateliers Du Creusot. The invention relates to a system for connecting a

rotary kiln for treating materials to an installation for preheating the materials.

- 119865. Halcon International Inc. Process for preparation of borate esters. [Addition to No. 112818].
- 119866. Deutsche Gold Und Silber Scheideanstalt Vormals Roessler. Heterocyclic. Amino Ketones and/or alcohols, process for producing same and compositions containing said compounds.
- 119867. Vickers-Zimmer Aktiengesellschaft Planung und Bau Von Industrieanlagen. Process and apparatus for melting bulky scrap material for synthetic polymers.

17th February 1969

- 119868. Century Rayon (Props : The Century Spg. & Mfg. Co. Ltd.). Improvement in relation to packing box for yarn on cone/tubes/bobbins.
- 119869. R. G. Khokhani. Improvements in or relating to packing elements made from paper, plastic or the like and method of manufacturing the same.
- 119870. Mrs. Kamalabai Narayan Rashinkar. Novel lock for electric bulb holder.
- 119871. N. R. Joshi. An electronic radio frequency voltmeter-cum-frequency meter.
- 119872. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. The use of ammonium sulfate as a nucleating agent in the production of expanded plastics.
- 119873. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Polymers of α -olefins and process for their manufacture.
- 119874. Palitex Project-Company GmbH. Thread brake of spinning or twisting spindles.
- 119875. Mitsui Toatsu Chemicals, Incorporated. Method for synthesizing urea.

119876. Western Electric Company, Incorporated. Information storage and processing. (18th April 1968).
119877. Paraho Corporation. Fluid distributor for vertical vessels.
119878. B. G. Karve. Improvements made in or relating to tiffin carrier.
119879. S. R. Salvi. An improved handy welding set.
119880. P. N. Balasubramanian. Direct manufacture of barium nitrate from barium sulphide by direct reaction between barium sulphideliquor and nitric acid.
119881. Indian Oxygen Limited. Fluid containers. (19th February 1968).
119882. The English Electric Company Limited. Improvements in electrical meters. (21st February 1968).
119883. Joseph Lucas (Industries) Limited. Lighting systems for road vehicles. (23rd February 1968).
119884. The Dunlop Company Limited. Bonding polymeric materials to glass. (20th February 1968).
119885. Joseph Lucas (Industries) Limited. Dynamo electric machines. (23rd February 1968).
119886. Monsanto Company. Rodenticide.
119887. Monsanto Company. Moldable compositions.
119888. Kyowa Hakko Kogyo Co., Ltd. Process for producing cells of microorganisms.
119889. E. V. Kholodnov, N. V. Lomov and V. A. Katsman. Spark eroding machine for making apertures in workpieces made of electrically conducting materials.
- 18th February 1969
119890. Alfa-Laval Ab. A device for indicating the sludge level in the sludge space of the rotor in sludge centrifuges. [Addition to No. 106491].
119891. Chemical Construction Corporation. Production of sulfur containing products from waste gases.
119892. Sun Oil Company. Oxidation of secondary and tertiary alkyl aromatic hydrocarbons.
119893. Veb Arzneimittelwerk Dresden. Process for preparing 1-substituted 3, 4, dihydro-6, 7-dimethoxyisochinoline compounds as prepared and composition containing same.
119894. The Dunlop Company Limited. Braking systems (24th February 1968).
119895. Universal Oil Products Company. Conversion process in the presence of hydrogen.
119896. Imperial Chemical Industries Limited. Heterocyclic compounds. (22nd March 1968).
119897. The Dunlop Company Limited. Improvements in vehicle spring assemblies.
119898. Westfälische Metall Industrie Kg. Hueck & Co. Electric snap switch.
119899. Farbenfabriken Bayer Aktiengesellschaft. Bromoalkyl-(di)-thiophosphoric acid esters.
119900. Ciba Limited. Tertiary amino acids, process for their manufacture and compositions containing them.
119901. Ciba Limited. Cycloaliphatic acids, process for their manufacture and compositions containing them.
119902. Ciba Limited. Hydrogenated araliphatic acids, process for their manufacture and compositions containing them.
119903. Ciba Limited. Tertiary aliphatic amino acids, process for their manufacture and compositions containing them.
119904. Ciba Limited. Tertiary arylamino acids, process for their manufacture and compositions containing them.
119905. Riv-Skl Officine Di Villar Perosa S.p.A. Improvements in or relating to seals.
119906. Palitex Project-Company G.m.b.H. Drag flyer of multiple twist doubling spindles.
119907. Merck & Co., Inc. Antimalarial Compositions.
119908. Sandoz Ltd. Improvements in or relating to organic compounds. (20th February 1968).
119909. Ciba Limited. Process for the manufacture of new amines.
119910. Ciba Limited. New amines and processes for their manufacture.
119911. Kureha Kagaku Kogyo Kabushiki Kaisha. Process for the production of cyclic hydrocarbons.
119912. Gerdau Chemical Corporation. Complexes of quaternary phenates, derivatives thereof, and germicidal detergent compositions thereof. (15th July 1968).
119913. N. V. Philips Gloeilampenfabrieken. Device including a gas and/or vapour discharge lamp.
119914. N. V. Philips Gloeilampenfabrieken. Method of manufacturing grains of a material which reacts with air.
- 19th February 1969
119915. Srimati Bishnupriya Panda. Multipurpose pedaling system.
119916. R. R. Dhir. Self adjusting wrench.
119917. Halcon International, Inc. Process for preparing dibasic acids.
119918. Fmc Corporation. Friction welding apparatus.
119919. Girdling Limited. Improvements in vehicle suspensions.
119920. Polysius Ag. Improvements in or relating to a process for the production and thermal treatment of agglomerates of mineral or of mixtures of all kinds.
119921. The Dunlop Company Limited. Improvements relating to bonding of metal to polymeric material. (23rd February 1968).
119922. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of foam plastics based on isocyanates.
119923. Kishinevsky Nauchno-issledovatel'sky Institut Elektropriborostroenia. Improvements in or relating to safety fuse with fusible element adapted for protection against overloads.
119924. Colorado Springs National Bank. Copper-lead alloy.
119925. Sandoz Ltd. Improvements in or relating to organic compounds. (21st February 1968).
119926. The Sotik Tea Company Limited. Method and apparatus for use in the manufacture of tea. (22nd February 1968).
119927. Aurobrite (India) Private Limited. Improvements in or relating to cuff-links.
- 20th February 1969
119928. Mrs. Krishna Ray. An improved brassiere.
119929. D. P. Reddy, D. P. Reddy and D. S. Reddy. Improvements in or relating to steam spraying attachments for electric irons and the like.
119930. Tractel Tirfor India Private Limited. Improvements in or relating to gripping devices.
119931. Tractel Tirfor India Private Limited. Improvements in or relating to safety devices for controlling the reverse motion of traction and hoisting apparatus of the cable-clamping type.
119932. Schering Aktiengesellschaft. New 18-methyl-5 α -H-androstanes.
119933. A. Aziz. Detection and prevention of theft of electrical energy titled as andhra pradesh state electricity board pilfer proof device.

119934. Westinghouse Electric Corporation. Encapsulated semiconductor device.
119935. American Machine & Foundry Company. Improvements in knives in cutting machines. (1st March 1968).
119936. Vsesojuzny Nauchno-Issledovatel'skiy Institut Kriogenogo Mashinostroenia. Method of liberation of pure nitrogen and oxygen from air.
119937. J. I. Dmitriev, V. A. Aleshin, G. S. Akhmetov, G. I. Sazonova, V. K. Sorokin, G. P. Tikhonov, V. M. Schekin, S. P. Gromova, A. F. Silaev, B. A. Borok, L. S. Golubeva, R. P. Schegoleva. Metallic porous material and method for its production.
119938. K. E. Khcheian, O. M. Revenko, M. P. Tikhonova, A. G. Polkovnikova, and N. E. Mak. Method of producing acrylonitrile.
119939. Vsesojuzny nauchno-issledovatel'skiy institut kriogenogo mashinostroenia. Method of liberation of nitrogen and oxygen from air.
119940. J. R. Geigy A. G. Process for the production of new imidazolidinone derivatives.
119941. J. R. Geigy A. G. Process for the production of new thiepin derivatives.
119942. J. R. Geigy A. G. Process for the production of new thiepin derivatives.
119943. Gestetner Limited. Improvements relating to printing apparatus. (22nd February 1968).
119944. Rhone-Poulenc S. A. Process for the resolution of 6-phenyl-2, 3, 5, 6-tetrahydro-imidazo [2, 1-b] thiazole.
119945. E. R. Squibb & Sons, Inc. Method for the production of 6-amino-penicillanic acid.
119946. Fabbrica Italiana Magneti Marelli S.p.A. Improved selector switch more particularly for starting and ignition of motor car engines.
119947. A. Braun. Free piston engine.
119948. Ciba Limited. Process for the manufacture of new amines.
119949. Ciba Limited. Stable, concentrated dispersions of basic dyestuffs.
119950. Standard Telephones and Cables Limited. Improvements in coaxial cables. (22nd February 1968).
119951. Siderpatents S. A. Process for the production of refractory lining for steel furnaces. (20th December 1968).
119952. Villamos Berendezes Es Keszulek Muvek. Circuit arrangement, more particularly for corrosion protection rectifier systems.
119953. Ciba Limited. Tertiary arylamino acids, process for their manufacture and compositions containing them. [Divisional date 26th April 1968].
119954. Ciba Limited. Tertiary aliphatic aminoacids, process for their manufacture and compositions containing them. [Divisional date 26th April 1968].
119955. Ciba Limited. Tertiary Aliphatic aminoacids, process for their manufacture and compositions containing them. [Divisional date 11th October 1968].
- 21st February 1969
119956. K. K. Jain. Improvements made in or relating to the holder arms of the tiffin carrier.
119957. The Kuljian Corporation (India) Private Limited. An improved apparatus for extracting fine granular substance.
119958. Council of Scientific and Industrial Research. Improvement in or relating to the production of aluminium alloy anodes for cathodic protection.
119959. Compagnie Pechiney. Method of firing carbon-containing products and installation for carrying this method into effect.
119960. Universal Oil Products Company. Method for converting hydrocarbons.
119961. United States Steel Corporation. Roller cage for confining continuous casting as it emerges from mold.
119962. United States Steel Corporation. Oscillating support frame for continuous-casting mold.
119963. United States Steel Corporation. Hinged guide-roller banks for confining continuously cast slabs.
119964. Colgate-Palmolive Company. Stain removal
119965. Henri Favre Tailleurie De Diamants Sa St-Claude. Scaife.
119966. Rohm and Haas Company. Potentiated herbicidal compositions.
119967. Vsesojuzny Nauchno-Issledovatel'skiy i Proektny Institut Aljuminievoi and Volgogradsky Aljuminievy Zavod. Method of supplying electric current to electrolyzers employed in production of aluminium and system of leads used in said electrolyzers for carrying this method into effect.
119968. Flowmore Private Ltd. Centrifugal pumps.
119969. Aktiebolaget Svenska Flaktfabriken. An apparatus for effecting an intimate contact between a gas and a liquid.
119970. Ciba Limited. Process for the manufacture of carbinolalkyl-mercapto compounds.
119971. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Tricyclic Ketones.
119972. R. G. Khokhani. Improvements in or relating to packing elements made from paper, plastic or the like and method of manufacturing the same.
119973. C. S. Raj. Car tyre changer.
119974. G. C. Desai. Seed drill.

Alteration of Date

101404. Ante-dated to 24th July 1963 under Section 5 of the Act.
101405. Ante-dated to 24th July 1963 under Section 5 of the Act.
101406. Ante-dated to 24th July 1963 under Section 5 of the Act.
117766. Ante-dated to 10th May 1967 under Section 5 of the Act.
107829. Post-dated to 22nd August 1967 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

101404. H. F. Silver and Silver Corporation. An extracting apparatus for continuously extracting soluble substances from subdivided solids. [Divisional date 24th July 1963]. Accepted on 21st February 1969.
- Comprising an annular material holding chamber having side walls and a draining floor constructed as a unit.*
101405. H. F. Silver and Silver Corporation. An apparatus for breaking sugar cane into pieces. [Divisional date 24th July 1963]. Accepted on 21st February 1969.
- Comprising a rotor, an associated anvil surrounding said rotor.*
101406. H. F. Silver and Silver Corporation. An apparatus for fiberizing sugar cane. [Divisional date 24th July 1963]. Accepted on 21st February 1969.
- Comprising a rotor having pivoted hammers mounted thereon, an anvil disposed adjacent one side of and below said rotor, a housing for said rotor and anvil, a feed opening at the top of said apparatus and flexible curtain in said housing.*
108729. Council of Scientific and Industrial Research. Modification of myrobalan tannin extract for its use as a self tanning agent. Accepted on 17th February 1969.
- Comprises in chemically modifying myrobalan tannin extract with either hydroxylamine hydrochloride or hydrazine hydrate or its salts alone or along with formaldehyde or formaldehyde donors.*
110588. Metallgesellschaft Aktiengesellschaft and Ruhrgas Aktiengesellschaft. Process for the production of predominant carbon monoxide and resp. or hydrogen containing gases out of solid fuels. Accepted on 10th February 1969.
- Characterized in that tar containing gas is cooled hereafter steam heated, then cracked at 700° cooled in heat exchange.*
110602. Bhawani Das Chaudhry. Improvement in or relating to rail track inspection trolley. Accepted on 11th February 1969.
- Trolley having arrangement similar to one provided in Indian Cycle Rickshaw having pipe pieces laid and fixed with each other in horizontal, vertical and slanting portions to form a detachable pipe frame and in a manner so as to bear all loads, stresses and facilitate easy operation.*
110618. Simon-Carves Limited. Improvements in or relating to desalination plant and method. (25th May 1966). Accepted on 11th February 1969.
- Comprises a baffled container for saline water, means for letting refrigerant into the container, means for separating the ice crystals and means for melting the ice crystals, and a method of desalinating of saline water the said plant.*
110659. Hewitt-Robins International, S. A. A steering apparatus for mobile bridge conveyor. [Addition to No. 97643]. Accepted on 7th February 1969.
- Comprising powered steerable means on the bridge conveyor and adapted to straddle the guide means, guide follower means coupled to the steerable means and adapted to come into contact with said guide means upon movement of said conveyor transversely of said guide means.*
110671. Ministerul Industriei Constructiilor De Masini. Moulding machine with revolving and oscillating compressive head. Accepted on 15th February 1969.
- Moulding machine with a compressive head adapted to oscillate on a self-aligning roller bearing mounted on a rotating shaft.*
110730. K. Gerlach and Dr. Ing. Hans Gerlach. Extensible hydraulic telescopic pit prop clampable by means of friction lock. Accepted on 19th February 1969.
- Characterised in that the upper prop member forming the pressure chamber consists of a hollow section with an elongated oval, hollow section being sealingly guided with its lower end.*
110752. L. Greenberg. Improvement in bogies for railway cars. Accepted on 7th February 1969.
- Having a relative movement damper in the form of tie members, each connected medially of its length to the bolster and connected by its ends to a side frame.*
110787. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble monoazo-dyestuff process for its preparation and textile material printed or dyed with said dyestuffs. Accepted on 14th February 1969.
- Comprises in reacting a dyestuff in aqueous medium with diethylamine.*
110860. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Copper-containing monoazo dyestuff process for its preparation and textile material dyed or printed with said dyestuffs. Accepted on 20th February 1969.
- Reacting a copper complex dyestuff with diethylamine.*
110869. Caterpillar Tractor Co. Self-loading scrapers. Accepted on 21st February 1969.
- Having a scraper bowl with cutting means including a cutting edge disposed forwardly of the bowl to define a scraper bowl throat region and baffle means.*
111059. North Western Gas Board. Hydrocarbon steam reforming process. (16th June 1966). Accepted on 6th February 1969.
- Reacting the hydrocarbon feed with steam at a temperature of at least 350°C in the presence of a catalyst composition which comprises (1) nickel, nickel oxide and/or a precursor thereof (2) uranoso-uranic oxide, U_3O_8 and/or uranium trioxide, UO_3 and/or a precursor thereof and (3) a carrier.*
111354. BP Chemicals (U.K.) Limited. Formerly known as Distillers Chemicals and Plastics Limited. Process for making novel peroxy compounds. (13th July 1966). Accepted on 19th February 1969.
- Comprises bringing into contact 1-1' dihydroxy-dicyclo hexyl peroxide and ammonia.*
111492. Council of Scientific and Industrial Research. A new asbestos sprayer. Accepted on 21st February 1969.
- Comprising an air compressor, turbo-fan, a nozzle and two connecting pipes connect the turbo fan with nozzle.*
111636. Research-Cottrell, Inc. Automatic voltage control system for precipitators. Accepted on 18th February 1969.
- Comprising a transformer rectifier set, thyristor means connected in series with an inductive element.*
111786. Tata Fison Industries Limited. Extrusion method of making granular pesticides. Accepted on 1st February 1969.
- A binding agent or a solution of a binding agent is sprayed onto the material or as a pre-formed mixture of materials or on a pre-formed mixture of material(s) with the filler, filler base or carrier contained in a shallow rotating pan of a nodulising machine said pan being inclined at an angle during rotation.*
111859. Dexion Limited. Improvements relating to structural components. (8th August 1966). Accepted on 7th February 1969.

Comprising a hook member engage with a hole in connecting with another structural component and a nose like shape.

111870. Commissariat A L'Energie Atomique. Improvements in or relating to magnetic resonance magnetometer. [Addition to No. 104831]. Accepted on 10th February 1969.

Having two identical couples along two axes at right angles to each other formed by four units each constituted by a coil connected to input of linear amplifier and by a coil connected with the output of the amplifier, the two coils of same unit wound parallelly about a sample disposed along their common axis, an oscillator and frequency measuring means.

111876. The Singer Company. Bobbin thread replenishing mechanism for sewing machines. Accepted on 10th February 1969.

Having a circularly movable loop taker, a bobbin rotatable in a bobbin case, means for constraining the bobbin case, means for imparting turning movement to the bobbin.

111906. Union Carbide Corporation. Process for direct current arc working of materials and apparatus therefor. Accepted on 10th February 1969.

Process and apparatus wherein an arc is sustained with continuous ripple direct current which is at the same frequency as an a.c. input current.

111907. The English Electric Company Limited. Rotary Transmission system. (2nd September 1966). Accepted on 10th February 1969.

Variable speed transmission unit for stepless drive ratio control through which the auxiliary machine can drive the prime mover smoothly upto the starting speed.

111921. Siemens Aktiengesellschaft. Improvements in or relating to electrical apparatus housing and rack assemblies including such housings and a telecommunication and radio-relay equipment rack assembly. (9th June 1967). Accepted on 11th February 1969.

Comprising a U-shaped member provided at each end with fixing means, said member also being provided at each end with electrical connector means whereby electrical apparatus in two of housings arranged adjacently in a series arrangement.

111938. E. I. Du Pont de Nemours and Company. Process for preparing α ureidooxycarboxylic acids and their derivatives compounds obtained thereby and compositions containing said compounds. Accepted on 11th February 1969.

Which comprises reacting an α -amino oxy acid ester with an isocyanic acid or isocyanate or reacting α -bromo ester with a hydroxy urea sodium salt.

111945. Jaybee Engineering Pty. Limited. Improved wheat and grain processing apparatus. (15th August 1966). Accepted on 14th February 1969.

Machine for processing grain including a drum, grain delivery means, abrasive means within the drum, means whereby the grain may be moved across the abrasive means and means whereby processed grain may be removed from the drum.

111962. Celanese Corporation. Microporous films. Accepted 17th February 1969.

Drawing the film less than 150% of its total length and annealing said film at less than 150°C while under tension.

111981. Esso Research and Engineering Company. Apparatus for fluids-solids fluidized vessels. Accepted on 17th February 1969.

Characterized in that the aperture is provided with a surrounding divergent wall forming nozzles which extend downwardly below the face of the plate, the individual nozzles being spaced suffi-

ciently for apart as to leave dead spaces between the nozzles, and nozzle entry portions below the dead spaces.

112003. Institut Po Metaloznanie I Tehnologija Na Metalite. Apparatus for casting under pressure and more particularly under gas pressure of metals and other materials under the influence of gas counter-pressure. Accepted on 17th February 1969.

Casting device of metals and other materials under simultaneous gas pressure and counter pressure.

112062. D. Parma. A post-stressing reinforcement for a structure. Accepted on 18th February 1969.

Comprising a tension member, dead anchoring means, free end portion covering sheath.

112064. Aktiebolaget Tudor. Microporous plastic member such as a battery separator and process for making same. Accepted on 19th February 1969.

Producing microporous plastic member by forming a coherent dough by mixing a thermoplastic resin with a plasticizing amount of a solvent with finely divided particles of a filler, forming the solvent containing dough into a shaped member, extracting the first solvent from the member by contacting it with a second solvent, the heating the member at an elevated temperature.

112081. N. V. Philips Gloeilampenfabrieken. System for the transmission of signals. Accepted on 20th February 1969.

The control signal source provided with a time modulator to the input terminals of which are applied the out put of the compression rectifier.

112088. Toyo Koatsu Industries, Incorporated. Method of producing urea using a high chromium steel apparatus. Accepted on 12th February 1969.

Improvement comprises at least a step wherein the urea production is conducted in an apparatus which is a high chromium steel containing at least 20 weight per cent of chromium.

112104. Council of Scientific and Industrial Research. Specification slide for refractories. Accepted on 21st February 1969.

Comprising a sliding card and a case within which the card slides wherein the sliding card contains the values of the properties and the case contains the names of the properties and the names of the specifications and wherein the sliding card is set against the case in particular points.

112150. Gebr. Class Maschinenfabrik G.m.b.H., and A/S Den Norske Remfabrik. Arrangement in beater cylinder for threshers. Accepted on 21st February 1969.

Comprising a plurality of beater bars secured to and evenly distributed about a rotatable shaft and radially spaced therefrom, a strip shaped sheet of elastic yieldable material.

112153. Council of Scientific and Industrial Research. Improvements in or relating to high strength deformed bars for concrete reinforcement. Accepted on 17th February 1969.

A rolled bar with a circular core and longitudinal ribs, characterised in having four longitudinal ribs two of which are continuous and two of them discontinuous.

112244. Fabriques De Produits Chimiques De Thann Et De Mulhouse. Apparatus and process for the production of titanium tetrachloride. Accepted on 14th February 1969.

A Titanium mineral and coke in the form of a fluidised bed are reacted with chlorine.

112346. The Dunlop Company Limited. Latex foam rubber process. (1st October 1966). Accepted on 20th February 1969.

Feeding vulcanizable rubber latex composition containing a delayed action gelling agent and a

gel retarding agent, to a mould having a sealing gasket, closing the mould, reducing pressure in the mould, allowing the composition to gel, releasing the vacuum and vulcanizing the composition.

112347. Parker-Kalon Corporation. Improvements in or relating to fasteners. Accepted on 18th February 1969.

Comprising a screw-threaded shank and a drill portion co-axial and integral with the shank, the drill portion having two longitudinally extending flutes.

112603. Csf-Compagnie Generale De Telegraphie Sans Fil. Improvements to radar systems. Accepted on 15th February 1969.

Comprising means for supplying a first series of pulses, means for supplying at least one further series of pulses, means for receiving the echo pulses originating from transmitted pulses, respective synchronous detectors for elaborating coherent pulses and means for summing coherent pulses.

112708. The Dunlop Company Limited formerly known as Dunlop Rubber Company Limited. Extrusion method and apparatus for the extrusion of rubber or polymeric material. (15th October 1966). Accepted on 19th February 1969.

Extruding rubber or polymeric material from a die orifice and subjecting the extrudate to fluid pressure above or below ambient and substantially at eight angles to its direction of movement to control the cross sectional dimensions of the extrudate.

112790. V. N. Agarwal. Nutrient compositions for proper growth of plants. Accepted on 21st February 1969.

Comprises a water soluble zinc compound or a chelate salt thereof and at least one water soluble compound of element selected from the group B, Fe, Cu, Mr, Mg, Mo.

112850. N. V. Philips' Gloeilampenfabrieken. A transistor and a circuit arrangement comprising the same. (24th October 1966). Accepted on 12th February 1969.

Comprising a semiconductor body having adjacent regions of alternating conductivity type forming emitter, base and collector, and further regions in the body defining p-n junction diode or a plurality of series connected p-n junction diodes, the diode/s being connected in parallel with and having the same polarity arrangement as the base-collector junction of transistor.

113026. Farbenfabriken Bayer Aktiengesellschaft. Production of reactive dyestuffs, process of dyeing or printing materials therewith and materials so dyed or printed. Accepted on 13th February 1969.

Comprising coupling the diazo compound of a 2-aminonaphthalene sulphonic acid with a substituted amino compound.

113027. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of halopyrimidines. Accepted on 10th February 1969.

Comprising reacting nitriles with isocyanide dichlorides.

113121. Farbenfabriken Bayer Aktiengesellschaft. And Farbwerke Hoechst Aktiengesellschaft, vormals Meister Lucius & Bruning. Process for the preparation of unsaturated esters of carboxylic acids. Accepted on 18th February 1969.

Comprising reacting an olefinic compound and a carboxylic acid with molecular oxygen or air in the vapour phase between 100°—300°C in presence of a catalyst.

113161. Dr. Gaur Gopal Modak. Improvements relating to glass tube for use in flow meter. Accepted on 7th February 1969.

Forming a frusto-conical glass tube, annealing it, grinding its inside surface to desired taper by

tapered mandrels whose surfaces are covered with abrasive materials, and polishing the ground surface.

113422. Taylor & Challen Limited. Improved safety equipment for press brakes. (6th December 1966). Accepted on 20th February 1969.

Characterised in that a rotatable shaft which is rotatably coupled to the crankshaft so that the braking force which applies the braking means is derived from the rotational movement of the rotatable shaft.

113599. Koppers Company, Inc. Method of making resorcinol-aldehyde resins and rubber coated textile tire cords comprising said resins. Accepted on 12th February 1969.

Contacting a resorcinol-aldehyde resin with 0.02-0.20 mole, per mole of resorcinol present in said resin of a monoisocyanate at a temperature of about 100-160°C.

113770. Imperial Chemical Industries Limited. Plant treatment compositions having improved wetting properties. (5th January 1967). Accepted on 15th February 1969.

Comprising a plant treatment chemical, a wetting agent an aliphatic compound and optionally water.

113776. Council of Scientific and Industrial Research. Improvements in or relating to suspension at the driven wheel of ground vehicles. Accepted on 14th February 1969.

Comprising two links pivotally connected to the frame and a coupler to which also the links are connected by pivots, the proportions of the links and the coupler and the locations of the pivots on the frame where the links are connected.

113781. Unilever Limited. Method for the manufacture of hollow articles, of polyvinyl chloride. Accepted on 17th February 1969.

Characterizes in manufacturing the preform in the thermoplastic range of temperature from substantially emulsifier free vinyl chloride polymerides, cooling it immediately within the thermoplastic range (140°C—90°C) and their biaxially stretching it at this temperature level.

113853. O. B. Rasmussen. A method of producing yarn. Accepted on 13th February 1969.

Comprises feeding first and second extrudable polymeric material into an annular collecting chamber, rotating one side of the collecting chamber relative to the other thereby dragging out the sides of the extruded lamellae to reduce their thickness.

114007. Sayaji Mills Ltd. Manufacture of crystalline dextrose by double enzyme process. Accepted on 12th February 1969.

Comprising treating starch in two stages.

114222. Palitex Project-Company G.m.b.H. Process for repairing yarn breakages in spindles and yarn joiner for carrying out said process. Accepted on 13th February 1969.

Characterised in that it consists of a trolley capable of travelling on rails, knotting mechanism, a yarn storage disk, and suction opening.

114224. Raytheon Company. Multiple semiconductor device. (31st October 1967). Accepted on 12th February 1969.

Comprising active semiconductor units located in spaced dielectrically isolated relation, a grid of single crystal material supporting the units, and encircling same, the units and grid being disposed on one side of a thin layer of polycrystalline material, and dielectric material separating the units from said layer.

114267. The Dow Chemical Company. Compositions for treating and sealing soil. Accepted on 13th February 1969.

- Characterises in that it consists essentially of a highly water swellable polymer having not more than 1 p.c. cross linking and having a gel capacity of atleast 100.*
114324. Council of Scientific and Industrial Research. A process for the preparation of 1, 2, 3-triphenylpropenes of biological interest. Accepted on 19th February 1969.
- Comprises (1) preparation of 2, 3 diphenyl propiophenones by (a) either catalytic hydrogenation of 2, 3 diphenyl drylophenoles or (b) alkylation of 2-phenylacetophenones in the presence of bases (2) reduction of the above propiophenones with metal hydrides or with Raney Nickel catalyst to form the corresponding carbinol and (3) dehydration of the carbinols.*
114339. C. A. Parekh. Improvements in or relating to a writing instrument. Accepted on 20th February 1969.
- Instrument for handwriting consists of a pen holder carrying a spring loaded ball and a wooden plate member carrying alphabets embossed or engraved on its boss.*
114357. National Distillers and Chemical Corporation. Particulate polymer foams. Accepted on 14th February 1969.
- Comprising foaming a dispersion of thermoplastic polymer containing a blowing agent heating the foamed particles followed by cooling and recovery.*
114358. Palitex Project-Company G.m.b.H. Spindle bearing. Accepted on 17th February 1969.
- Consists of three conical supporting rollers uniformly distributed around and lying against a conically tapering central shaft.*
114455. Albiswerk Zurich A.-G. Improvements in apparatus for providing a digital indication of a measured value. (19th December 1967). Accepted on 21st February 1969.
- Wherein there is a data store for each partial measurement value in the form of multistage counter, and a connection circuit provided to detect any difference.*
114599. Shell Internationale Research Maatschappij N. V. Method of producing a laminated foamed thermoplastic sheet. (20th February 1967). Accepted on 12th February 1969.
- Comprises applying a liner sheet to the foamed sheet being extruded, pressing the sheets together to compress foamed sheet by more than 75% and heating the foam sheet.*
114764. National Lead Company. Continuous process for the electrolytic production of aluminum and apparatus therefor. Accepted on 19th February 1969.
- Comprises forming in a charging cell a feed solution of alumina in a molten solvent comprising aluminium fluoride and sodium fluoride, distributing a portion of the feed solution into a plurality of electrolysis cells having overflow means for establishing and maintaining the solution the cell, electrolysis the solution.*
114892. Mitsubishi Denki Kabushiki Kaisha. Circuit interrupter. Accepted on 12th February 1969.
- Characterised in that a rotatable latch is pivotally mounted to a supporting plate by a pivot pin, said latch being normally prevented from moving and released by said overcurrent responsive means.*
114930. J. Martin. Improvements in or relating to inertia reel devices for safety harnesses. (26th April 1967). Accepted on 20th February 1969.
- Comprises a strap, cord, cable or the like being connected at one end to, or forms a harness and at the other end to a reel of the device.*
114945. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing vinyl acetate. Accepted on 13th February 1969.
- Comprises feeding to the reaction zone small quantities of catalytically actual acetates in addition to the reactants.*
115035. Western Electric Company, Incorporated. Methods of and apparatus for extruding solid plastic materials. (17th August 1967). Accepted on 19th February 1969.
- Applying to the material high hydrostatic pressure and allowing the pressurized material to extrude longitudinally through a die at least mainly as a result of lateral hydrostatic pressure.*
115060. N. V. Philips Gloeilampenfabrieken. Method of manufacturing semiconductor devices. Accepted on 7th February 1969.
- At least during a first period of formation of layer of aluminium silicate on the semiconductor material, in the gas phase, the total oxygen content of the free oxygen and of those oxygen-containing compounds which, except for oxygen, do not contain any component of layer is smaller than is necessary for converting in gas phase aluminium into its oxide.*
115114. Enterprise Incorporated. Composite fabric and method and apparatus for producing same. Accepted on 13th February 1969.
- Comprising knitting a plurality of yarn like elements into a fabric, inserting a plurality of elongate insert elements into the fabric during the knitting steps.*
115156. Hindustan Lever Limited. Dried vegetable treated with citrate. Accepted on 21st February 1969.
- Method for preparing dried vegetable soup wherein a citrate is incorporated in the dry soup mix.*
115157. Hindustan Lever Limited. Process for the preparation of dried pulses. Accepted on 21st February 1969.
- Comprises freeze drying the pulses, contacting the dried pulses with aqueous sugar solution, subjecting the sugared pulses to a further drying treatment.*
115192. W. A. Whitney Corporation. Press with fluid-operated actuator. Accepted on 20th February 1969.
- Utilizes the same key which prevents burning of piston for also limiting the stroke of the piston in order to prevent the piston from bottoming against the end of the cylinder.*
115216. The Dunlop Company Limited. Valves for controlling the flow of fluids. (6th April 1967). Accepted on 18th February 1969.
- Comprises an inlet and outlet between which a movable main valve member and a main valve seat are interposed, a passage for supplying fluid under pressure from inlet to rear of main valve member, a movable pilot valve member arranged to control the pressure of fluid at the rear of main valve member.*
115329. Dynamit Nobel Aktiengesellschaft. Process for the production of 1, 2-dichlorethane. Accepted on 15th February 1969.
- Reacting continuously chlorine and ethylene in equimolar quantities with liquid 1, 2-dichlorethane.*
115365. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. A process for manufacture of a polymerization catalyst, and a process of polymerizing butadiene with such catalyst. Accepted on 20th February 1969.
- Contacting butadiene with a catalyst obtained by reacting dodeca-2, 6, 10-triene-1, 12-diyl nickel with-trifluoroacetic acid and molecular oxygen.*

89077. H. F. Silver and Silver Corporation. Solvent extraction process and apparatus therefor. Accepted on 21st February 1969.

By establishing an elongated mass of the material, applying solvent to the top and allowing the solvent to pass through selected successive portions of said mass, in series and collecting the concentrated solvent.

116072. J. S. Thomson. Improvements in or relating to cranes. (9th June 1967). Accepted on 20th February 1969.

With a container attachment comprising a carriage frame, container carriage rotatably connected to the frame and power operated means for rotating the carriage, cable and pulley system to resist any tendency of the attachment to swing or oscillate.

117766. General Aniline & Film Corporation. Slide projector. [Divisional date 10th May 1967]. Accepted on 10th February 1969.

Having a housing with a gate and a top wall mounting a magazine, a slot in the top wall over the gate, means for moving the magazine to present spaces to contain the slides one at a time to a position over the slot, and release means to cause yieldable engagement means to release the slides.

117782. S. T. Henriksson, A. Malmgren, R. L. Muotka and L. H. Widegren. Improvements in transport vehicles for load-carrying purposes. Accepted on 7th February 1969.

A transport vehicle for load carrying purposes, consisting of a power vehicle and a trailer, with pressure fluid devices for operating the deloading purposes.

Opposition Proceedings

The application for patent No. 95531 made by Deutsche Advance Produktion GmbH. in respect of which an application was entered by Argus Chemical Corporation, as notified in Part III, Section 2 of the Gazette of India, dated the 22nd October 1966, has been treated as abandoned.

APPEAL PROCEEDINGS (SECTION 9)

An appeal has been filed by Alimahomed Chhaganbhai Padamsee against the decision of Joint Controller of Patents and Designs on an opposition to the grant of a patent on application No. 68820.

Patents Sealed

104475. 104645. 104694. 104756. 105285. 105435. 105549.
105739. 106407. 106500. 106717. 107082. 107133. 107150.
107206. 107278. 107333. 107383. 107385. 107530. 107619.
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111201. 111209. 111220. 111471. 112005. 112308. 112485.
112549. 112776. 114166.

Renewal Fees Paid

51315. 51425. 51467. 51568. 51584. 51616. 51617. 51618.
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104537. 104855. 109845. 109846.

Cessation of Patents

76047. 76048. 76049. 76050. 76053. 92233. 92234. 92235.
92236. 93521.

RESTORATION PROCEEDINGS

An order has been made on the 21st August 1968 restoring the patent No. 83873 dated as of the 27th August 1962, granted to Reotilal Shah for "light operated illumination switch".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 9. No. 134789. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Lace textile goods", November 2, 1968.

Class 9. No. 134814. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Lace textile goods", November 15, 1968.

Class 9. No. 134863. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Lace textile goods", November 23, 1968.

Class 9. Nos. 134747 and 134748. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Lace textile goods", October 25, 1968.

Class 13. No. 133603. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", April 10, 1968.

Class 13. Nos. 133646 to 133653. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo St., Fort, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", April 20, 1968.

Class 13. Nos. 134422 to 134450. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", August 24, 1968.

Class 13. No. 134609. The Crown Spg. Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", October 7, 1968.

Class 13. Nos. 134619 and 134620. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", October 9, 1969.

Class 13. Nos. 134653 to 134673. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", October 14, 1968.

Class 13. Nos. 134688 to 134698. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", October 22, 1968.

Class 13. No. 134800. Govindram Bhasaram, Indian Partnership firm, Swadeshi Market, 268, Gandhi Gully, Bombay-2, Maharashtra, "Textile piece goods", November 6, 1968.

Class 13. Nos. 134853 to 134855. The Khatau Makanji Spg. & Wvg. Co., Ltd., Laxmi Building: 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", November 19, 1968.

S. VEDARAMAN

*Controller General of Patents, Designs
and Trade Marks*

